

04CO

03-13 - 01 0500

OIPE

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/771,209

DATE: 02/08/2001

TIME: 12:32:52

Input Set : A:\38586b.txt
 Output Set: N:\CRF3\02082001\I771209.raw

PS #3

3 <110> APPLICANT: Buck, Linda
 4 Axel, Richard
 6 <120> TITLE OF INVENTION: ODORANT RECEPTORS AND USES THEREOF
 8 <130> FILE REFERENCE: 0575/38586-B/JPW/ADM
 C--> 10 <140> CURRENT APPLICATION NUMBER: US/09/771,209
 C--> 10 <141> CURRENT FILING DATE: 2001-01-26
 10 <150> PRIOR APPLICATION NUMBER: US 08/129,079
 11 <151> PRIOR FILING DATE: 1993-10-05
 13 <160> NUMBER OF SEQ ID NOS: 80
 15 <170> SOFTWARE: PatentIn version 3.0
 17 <210> SEQ ID NO: 1
 18 <211> LENGTH: 954
 19 <212> TYPE: DNA
 20 <213> ORGANISM: Rattus sp. F12
 22 <400> SEQUENCE: 1
 23 atggaaatcag ggaacagcac aagaagattt tcaagttttt ttcttcttgg atttacagaa 60
 25 aaccacaaac ttcaacttcc cattttgc a cttttcctgt ccatgtacct ggtaacagt 120
 27 ctgggaacc tgcttatcat tatggccatc atcacacagt ctcatttgc tacacccatg 180
 29 tacttttcc ttgctaacct atccttggt gacatctgtt tcacctccac caccatccc 240
 31 aagatgttgg taaatataata cacccagagc aagagcatca cctatgaaga ctgtattagc 300
 33 cagatgtgtg tcttcttgg tttcgacaa ttggggcaact ttcttcttggc tttgtatggcc 360
 35 tatgaccgat atgtggctaa ctgtcaccca ctgtgttaca cagtcattgt gaaccacccgg 420
 37 ctctgtatcc tgctgttctt gctgttctgg gttatcagca ttttccatgc cttcatacag 480
 39 agctaattt tgctacagg gacccctgt ggagatgtga aaatccctca cttttctgt 540
 41 gaacttaatc agctgtccca actcacatgt tcagacaact ttccaagtc cctcataatg 600
 43 aatcttgatc ctgttatgtt ggcaggcatt tccttcaggc gcatttcatttca ctcttatttc 660
 45 aagatagtat cctccatata tcctatctcc acagttcagg ggaagtacaa ggcattttct 720
 47 acttgtgcct ctcaccccttc cattgtctcc ttatttata gtacaggcct cggagtgtac 780
 49 gtcagttctg ctgtggtcca aagctcacat tcgtctgcaa gtgttctggt catgtatact 840
 51 gtggtcaccc ccatgctgaa ccccttcatt tatagtctaa ggaataaaga tgtgaagaga 900
 53 gctctggaaa gactgttaga aggaaactgt aaagtgcac tc attggactgg atga 954
 56 <210> SEQ ID NO: 2
 57 <211> LENGTH: 1002
 58 <212> TYPE: DNA
 59 <213> ORGANISM: Rattus sp. F3
 61 <400> SEQUENCE: 2
 62 atggactcaa gcaacaggac aagagttca gaatttcttc ttcttggatt ttttagaaaaac 60
 64 aaagacactac aaccctttaat ttatgttctt ttcttctca ttttacccgt tactgtcatt 120
 66 gggaaacatccatatttgc ggtatcatt tcagatccct gtttgcacac ccccatgtat 180
 68 ttcttccttc ctaacccgttc ctttggac atctgttca ttcaaccac ttttccaaag 240
 70 atgttagtgc acatccagac cccaaacaaat gtcacccatc atgcaggatc cattacccag 300
 72 atatactttt ttttgcattt ttttagattt gacaacttct ttttgcatttcatggccat 360
 74 gaccgttacg tagccatctg tcacccatc cactacacag ttatcatgaa ctacaagctc 420
 76 ttttggatttc ttttgcattt atcttggatt gtaagtttgc ttttgcattt gtttccaaagc 480
 78 ttatgtatgtt ttttgcattt atcttggatt gtaagtttgc ttttgcattt gtttccaaagc 540
 80 cctaattcagg tgattcaact caccttgcattt gatgcatttc ttaatgtatgtt gtttccaaagc 600
 82 ttttacacttgc tgctgttgcattt tactgttgcattt ctttgcattt ttatgtatgtt gtttccaaagc 660

ENTERED

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/771,209

DATE: 02/08/2001

TIME: 12:32:52

Input Set : A:\38586b.txt

Output Set: N:\CRF3\02082001\I771209.raw

84	atagtgtcct	ccatatgtgc	tatatcgta	gttcatggga	agtacaaaagc	attctccacc	720
86	tgtcatctc	accttca	cgtgtttta	tttactgca	caggactagg	agtgtaccc	780
88	agtctgtcg	caaacaacag	ctcacaggca	atgtccacag	cctcagtc	gtacactgt	840
90	gttaccccta	tggtaaccc	tttatctat	agtcttagga	ataaaagatgt	taagagtgtt	900
92	ctgaaaaaaa	ctcttgta	ggaaggta	aggagtccac	cttccctact	tcatttcttc	960
94	ctagtgtt	gtcatctccc	ttgtttatt	tttttgttatt	aa		1002
97	<210>	SEQ ID NO:	3				
98	<211>	LENGTH:	942				
99	<212>	TYPE:	DNA				
100	<213>	ORGANISM:	Rattus sp. F5				
102	<400>	SEQUENCE:	3				
103	atggcgcga	ccaaccgtc	cagtgtcacc	gagttccccc	tcctggact	ctccaggcag	60
105	ccccagcgc	agcagctcc	cttctgtc	ttcctcatca	tgtaccc	cactgtctg	120
107	ggaaacctgc	tcatcatct	ggctattggc	acagactccc	gcctgcacac	cccatgtac	180
109	ttcttcctca	gtaacctgc	ctttgtggat	gtctgttct	cctctaccac	tgtccctaaa	240
111	gttctggca	accatatact	tgggagtcag	gccatttc	tctctgggt	tctcaccagg	300
113	ctgtat	tcgtgtt	tggttacatg	gacaatttc	tgctgggt	gatgtctat	360
115	gaccgat	tgccat	ccacccttta	cactacacaa	caaagatgac	ccgtcagtc	420
117	tgtgtcctgc	ttgttgggg	gtcatgggtt	gtagccaaca	tgaattgtct	gttgcacata	480
119	ctgctcatgg	ctcgactc	tttctgtc	gacaacatga	tcccccactt	cttctgtat	540
121	gaaactcccc	tcctgaaact	tcctgctca	gacacacato	tcaatgagct	gatgattctt	600
123	acagagggag	ctgtggc	gttccaccca	tttgc	tcctcatc	ctacatccac	660
125	atcacctgt	ctgtcctc	agtc	catcc	cccaggggag	gatggaaatc	720
127	tgtggctccc	acctggctgt	ggtctgc	ttctatggca	ccgtcatc	tgtgtattt	780
129	aacccatcat	cctctactt	agctgggagg	gacatggcag	ctgcagt	gtatgcagtg	840
131	gtgacccaa	tgctgaa	tttcatctat	agcctgagga	acagcgacat	gaaagcagct	900
133	ttaaggaaa	tgctgc	cat	gagatttcca	tcta	aggcagt	942
136	<210>	SEQ ID NO:	4				
137	<211>	LENGTH:	936				
138	<212>	TYPE:	DNA				
139	<213>	ORGANISM:	Rattus sp. F6				
141	<400>	SEQUENCE:	4				
142	atggcttgg	gtactggca	gaaccgtcc	acaccaggac	cattcatctt	gctgggttc	60
144	ccaggccaa	ggagcatgc	cattggc	tcctgtctt	tcctggcat	gtatctgtt	120
146	acggtagtt	gaaacctagc	catcatctcc	ctggtaggt	cccacagatg	cctacagaca	180
148	ccatgtact	tcttcctct	caaccc	ttcctggaga	tctgg	tcac	240
150	gtacccaaga	ccctggccac	atttgc	gggggtggag	tcatttctt	ggctggctgt	300
152	ccacacaga	tgtactt	tttctt	ggctgtacc	agacttct	gctggctgt	360
154	atggcttat	acgc	cttcc	ctgca	gctatgg	catcatgact	420
156	cctggctgg	cgatgc	ggcc	ttcctgg	gtgg	tttc	480
158	gttcctgtca	ccctcattgc	ccgc	ttctgtgg	cacgt	tcata	540
160	ttctgtgaca	tttcgc	gtatgt	tcctgc	acacgc	ggtggaa	600
162	gtgtcctt	gtatgc	ctgtt	ctgggct	gtgg	tatc	660
164	tatgttaca	tcat	actac	catcatca	attcc	ctgc	720
166	ttctcaac	gtc	catcc	tctca	gtg	tatgg	780
168	ttgc	atgtga	ggac	ctcggt	agag	gtcc	840
170	aacaccatt	tcacac	ctgt	ttggac	ccaa	aggct	900
172	aaggaa	gctc	tcgc	aggac	ggt	gaagg	936
175	<210>	SEQ ID NO:	5				

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/771,209

DATE: 02/08/2001
TIME: 12:32:52

Input Set : A:\38586b.txt
Output Set: N:\CRF3\02082001\I771209.raw

176 <211> LENGTH: 939
 177 <212> TYPE: DNA
 178 <213> ORGANISM: Rattus sp. I14
 180 <400> SEQUENCE: 5

181 atgactggaa	ataaccaaac	tttgatcttgc	gagttcctcc	tcctgggtct	gcccatccca	60
183 tcagagtatc	atctcctgtt	ctatgcctg	tccctggcca	tgtacccac	catcatcctg	120
185 gggaaacctgc	taatcattgt	ccttgcgtga	ctggactctc	atctccacat	gcccatgtac	180
187 ttgtttctca	gcaacttgc	cttcctgtac	ctctgccttt	cctctgtcac	aatgcccää	240
189 ttgcttcaga	acatgcagag	ccaagttacca	tctatatcc	atacaggctg	cctgacacag	300
191 ctgtacttct	ttatgggtt	tggagatatg	gagagcttc	ttcttgcgtt	catggcctat	360
193 gaccgcata	tggccatttgc	ctttcccttgc	cgttacacca	ccatcatgag	caccaagttc	420
195 tggcttcac	tagtgcata	tctgtggatg	ctgacgtatg	cccatgcct	gctgcatacc	480
197 ctactcatttgc	cttagatttgc	tttttgtgag	aagaatgtga	ttcttcactt	tttctgtgac	540
199 atttctgc	ttctgaagtt	gtcctgc	gacatattat	ttaatgagct	gatgatata	600
201 atcttgggttgc	gactcatcat	tattatccca	ttccttattaa	ttgttatgtc	ctatgttaga	660
203 attttcttc	ccattttggaa	gtttccatct	attcaggaca	tctacaagg	attctcaacc	720
205 tgggttccc	atctgtctgt	ggtgaccttgc	ttttatggga	caattttgg	tatctactta	780
207 tggccatcag	gtaataatttgc	tactgtgaag	gagattgcca	tggctatgtat	gtacacagtg	840
209 gtgactccca	tgctgaatcc	tttcattctac	agcctgagga	acagagacat	gaaaaggggcc	900
211 ctaataagag	ttatctgcac	taagaaaatc	tctctgtaa			939
214 <210>	SEQ ID NO:	6				
215 <211>	LENGTH:	945				
216 <212>	TYPE:	DNA				
217 <213>	ORGANISM:	Rattus sp. I15				
219 <400>	SEQUENCE:	6				
220 atgacagaag	agaaccaa	tgtgatctcc	cagttcc	tcctttcc	gcccatcccc	60
222 tcagagcacc	agcacgttt	ctacgcctg	tccctgtcca	tgtacccac	cactgtcctg	120
224 gggaaacctca	tcatcatcat	cctcattcac	ctggactccc	atctccacac	accatgtac	180
226 ttgtttctca	gcaacttgc	cttcctgtat	ctctgccttt	cctctgttac	gatgcccäag	240
228 ttgttgcaga	acatgcagag	ccaagttcca	tccatccccc	ttgcaggctg	cctgacacaa	300
230 ttatactttt	acctgtat	tgcagacett	gagagcttc	tgcttgcgtt	catggcctat	360
232 gaccgcata	tggccatctg	cttccccctt	cattacatga	gcatcatgag	ccccaaagtc	420
234 tgggtgagtc	tgggtgtct	gtcctgggt	ctgaccac	tccatgc	gctgcacacc	480
236 ctgctcatgg	ccagatttgc	attctgtgc	gacaatatg	tcccccactt	tttctgtgat	540
238 atatccctt	tattgaaact	gtcctgc	gacacgc	ttaatgagtt	ggtgatattt	600
240 gtcatgggag	ggcttgc	tgtcatttca	tttgcgtca	tcattgtatc	ttatgcacga	660
242 gttgtgc	ccattctaa	agtcccttct	gtccgaggca	tccacaagat	tttctccacc	720
244 tgccgc	atctgtctgt	ggtgcactg	ttctatggga	caatcattgg	tctctactta	780
246 tggccgtc	gtaataactc	tactgtgaag	gagactgtca	tggccatgtat	gtacacagtg	840
248 gtgacccca	tgctgaatcc	tttcattctac	agcctgagga	acagagacat	gaaagaggca	900
250 ctgataagag	ttctttgtaa	aaagaaaatt	accttgc	tatga		945
253 <210>	SEQ ID NO:	7				
254 <211>	LENGTH:	933				
255 <212>	TYPE:	DNA				
256 <213>	ORGANISM:	Rattus sp. I3				
258 <400>	SEQUENCE:	7				
259 atgaacaatc	aaactttcat	cacccaatttgc	tttccttgc	gactgccc	ccctgaagaa	60
261 catcagcacc	tgttctatgc	tttgccttgc	gtcatgtacc	tcaccac	cttggaaac	120
263 ttgtcta	ttgtacttgc	tcaactggac	tcccagctcc	acacac	tttgc	180

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/771,209

DATE: 02/08/2001

TIME: 12:32:52

Input Set : A:\38586b.txt

Output Set: N:\CRF3\02082001\I771209.raw

265	ctcagcaatt	tgtcttctc	tgatctatgt	tttcctctg	tcacaatgcc	caagctgctg	240
267	cagaacatga	ggagccagga	cacatccatt	ccctatggag	gctgcctggc	acaaacatac	300
269	ttctttatgg	tttttgaga	tatggagagt	tcccttcttgc	tggccatggc	ctatgaccgc	360
271	tatgtggcca	tctgcttccc	tctgcattac	accagcatca	tgagcccaa	gctctgtact	420
273	tgtcttagtgc	tgttatttgc	gatgtgcacg	acatccatgc	ccatgtgc	cacactgctt	480
275	gcagcaagat	tgtcttttgc	tgagaacaat	gtggcctc	acttcttcttgc	tgaccttattt	540
277	gttctccctaa	agctggccctg	ctcagacact	tatattaatg	agttgtatgt	atttatcatg	600
279	agtacactcc	tcatttattat	tccatttctc	ctcatttgc	tgtcctatgc	aaggatcata	660
281	tcccttatttgc	ttaagggttcc	atctacccaa	gycatctgc	aggcttctc	tacccgttgtt	720
283	tcccatctgt	ctgtatgtatc	actgttctat	gggacaatta	ttggctctca	cttatgtcca	780
285	gcaggtataa	atccactgt	aaaagagatg	gtcatggcc	tgtatgtacac	tgtggtgacc	840
287	cccatgctga	atcccttcat	ctacagccta	aggaatagag	atatgaagag	ggccctaata	900
289	agagttatct	gtatgtatgaa	aatcaactctg	taa			933
292	<210>	SEQ ID NO:	8				
293	<211>	LENGTH:	984				
294	<212>	TYPE:	DNA				
295	<213>	ORGANISM:	Rattus sp. I7				
297	<400>	SEQUENCE:	8				
298	atggagcgaa	ggaaccacag	tgggagatgt	agtgaatttg	tgttgcgtgg	tttcccgact	60
300	cctgccccac	tgcgactact	actattttc	ctttcttctc	tggactatgt	gttgggttttgc	120
302	actgaaaaca	tgcgtatcat	tatagcaatt	aggaaccacc	caaccctca	caaaccatgc	180
304	tattttttgc	tggctaatat	gtcatttctg	gagatttgg	atgtcactgt	tacgatttctt	240
306	aagatgctcg	ctggcttcat	tggtccaag	gagaaccatg	gacagctgt	ctcccttgag	300
308	gcatgcgtga	cacaactcta	cttttctg	ggcttgggtt	gcacagatgt	tgtccttctt	360
310	gctgtgtatgg	cctatgaccg	ctatgtggct	atctgtcatac	cactccacta	ccccgtcatt	420
312	gtcaatgtatgc	ggctatgtgt	gcagatggca	gctggatcc	gggctggagg	ttttggat	480
314	tccatgttta	aagtttttgc	tatctctgc	ctgtcttact	gtggcccaa	caccatcaac	540
316	cactttttgc	gtgtatgtgc	tccattgctc	aacctgtcat	gcactgacat	gtccacagac	600
318	gagtttacag	actttgttgc	ggccat	tttttatttgc	attctgtcttgc	gaccgtctc	660
320	gcatttata	tggccatcac	aggtgtgt	atgcgcac	cctcagctgc	tggccgccc	720
322	aaaggctttt	caacctgtgc	ctcccacctc	actgttgc	tcatcttcttgc	tgcagccagt	780
324	attttcatct	atgcaggccc	taaggcactc	ttagcttttgc	acaccaacaa	gttggctct	840
326	gtactctacg	ctgttattgt	accgttgc	aatccatca	tctactgttgc	gcgcacacaa	900
328	gatgtcaaaa	gagcgtacg	tcgcacgt	cacctggccc	aggaccagga	ggccaataacc	960
330	aacaaggca	gcaaaatttgc	tttag				984
333	<210>	SEQ ID NO:	9				
334	<211>	LENGTH:	939				
335	<212>	TYPE:	DNA				
336	<213>	ORGANISM:	Rattus sp. I8				
338	<400>	SEQUENCE:	9				
339	atgaacaaca	aaactgtcat	caccatttc	ctcccttctgg	gattgcccatt	ccccccagag	60
341	caccagcaac	tgttcttgc	cctgttcttgc	atcatgttac	tcaccacattt	tctggaaac	120
343	ctgctaaatttgc	tgttcttgc	tcaactggac	tctcatcttgc	acacaccat	gtacttgc	180
345	ctcagcaact	tgttcttgc	tatgttgc	tttcctcttgc	ttacaatgt	gaaattgtct	240
347	caaaatatac	agagccaaatgt	accatctata	ttctatgttgc	gatgcctgac	acagatattc	300
349	ttctttttgt	tgttggat	ccttggaaat	tcccttcttgc	tagccatggc	ctatgaccgc	360
351	tatgtggcc	tctgttcc	tctgcattat	accaacatca	tgagccataa	gtctgtact	420
353	tgttcttgc	tgttattttgc	gataatgaca	tatgttgc	ccatgtgc	cacccgtt	480
355	gcagcaagat	tgttattttgc	tgagaacaat	gtactcctca	acttttgc	tgacctgttt	540

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/771,209

DATE: 02/08/2001

TIME: 12:32:52

Input Set : A:\38586b.txt

Output Set: N:\CRF3\02082001\I771209.raw

357	gttctcctaa	agttggcctg	ctcagacact	tatgttaatg	agttgatgat	acatatcatg	600
359	ggcgtgatca	tcattgttat	tccattcgtg	ctcattgtta	tatcctatgc	caagatcatc	660
361	tccitccattc	ttaagggtcc	atctactcaa	agcattcaca	aggtcttc	cacttgtgg	720
363	tctcatctct	ctgtgggtgc	tctgttctac	gggacaatta	tttgtctcta	tttatgtcca	780
365	tcaggtgata	attttagtct	aaagggtct	gccatggcta	tgatgtacac	agtggtaact	840
367	ccaatgctga	accgcgttcat	ctacagccta	agaaacagag	acatgaagca	ggccctaata	900
369	agagttacct	gtagcaagaa	aatctctctg	ccatggtag			939
372	<210>	SEQ ID NO:	10				
373	<211>	LENGTH:	945				
374	<212>	TYPE:	DNA				
375	<213>	ORGANISM:	Rattus sp. I9				
377	<400>	SEQUENCE:	10				
378	atgactagaa	gaaaccaac	tgccatctct	cagttcttcc	ttctggcct	gcatcccc	60
380	ccagagtacc	aacacctgtt	ctatgcctg	tccctggca	tgtacacctac	cactctcctg	120
382	ggAACCTCA	tcatcatcat	cctcattcta	ctggactccc	atctccacac	accatgtac	180
384	ttgtttctca	gcaatttatac	cttgcgcac	ctctgtttt	cctctgtcac	aatgcccag	240
386	ttgttgca	acatgcagag	ccaaatccca	tccatcccc	atgcagggtg	cctggcacag	300
388	ataatactct	ttctgtttt	tggagacett	gaaaacttcc	tgcttgcc	catggcttat	360
390	gaccgcata	tggccatctg	cttccccctt	cattacatga	gcatcatgag	ccccaaagctc	420
392	tgtgtgagtc	tgggtgtct	gtcctgggt	ctgactacct	tccatgccat	gctgcacacc	480
394	ctgctcatgg	ccagattgtc	attctgtgag	gacagtgtga	tccctcaacta	tttctgtgat	540
396	atgtctactc	tgctgaaagt	ggcttgcct	gacacccatg	ataatgaatt	agaatataatt	600
398	atcttagggg	gcccataagt	tgtactacct	tcccttctca	tcattgtttc	ttatgcaaga	660
400	atgtttctt	ccatcttca	ggtccttct	tctcaaaagca	tccataaagg	cttctccacc	720
402	tgtggctccc	acctgtctgt	ggtgtcactg	ttctatggga	cagtcatgg	tctctactta	780
404	tgtccttcag	ctaataactc	cactgtgaag	gagactgtca	tgtcttgc	gtacacaatg	840
406	gtgacaccca	tgtgaaaccc	cttcatctac	agcctaagaa	acagagacat	aaaagatgca	900
408	ttagaaaaaa	taatgtgaa	aaagcaaatt	ccctccttcc	tatga		945
411	<210>	SEQ ID NO:	11				
412	<211>	LENGTH:	645				
413	<212>	TYPE:	DNA				
414	<213>	ORGANISM:	Homo Sapiens H5				
416	<220>	FEATURE:					
417	<221>	NAME/KEY:	misc_feature				
418	<222>	LOCATION:	(...)()				
419	<223>	OTHER INFORMATION:	n = unknown				
422	<400>	SEQUENCE:	11				
423	atctgttttgc	tgtcttccac	tgtccaaag	cagctggta	acatccagac	acagagcaga	60
425	gtcatcacct	atgcagactg	catcacccag	atgtgttttgc	tataactctt	tgtatgtttg	120
427	gacagcttac	tcctgactgt	gatggcttat	gaccgggtttg	tggccatctg	tcaccccttg	180
429	cactacacag	tcattatgat	ctcctggctc	tgtggactgc	tggttctgg	gtctggatc	240
431	gtgagcatcc	tatattctct	gttacaaaagg	ataatggcat	tgcagctgtc	cttctgtaca	300
433	gaactgaaaa	tccctcaattt	tttctgtgaa	cttaatcagg	tcatccacct	tgctgttcc	360
435	gacactttta	ttaatgacat	gatgatgaat	tttacaagg	tgtctgtgg	tggggatgc	420
W--> 437	ctcgctggaa	tatTTTACTN	ntactttaag	atactttgtt	gcatatgttc	gatctcatca	480
439	gctcaggggaa	tgaataaaagg	acttccacc	tgtcatctc	acctctcagt	tgtctccat	540
441	tttattgtat	caggcgtagg	tgtgtacctt	agttctgtctg	caaccataaa	ctcactctca	600
443	aatgctgcag	cctcggtgat	gtacactgtg	gtcacctcca	tgctg		645
446	<210>	SEQ ID NO:	12				

FYI:**Please Note:**

Use of n and/ or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

VERIFICATION SUMMARY
PATENT APPLICATION: US/09/771,209

DATE: 02/08/2001
TIME: 12:32:53

Input Set : A:\38586b.txt
Output Set: N:\CRF3\02082001\I771209.raw

L:10 M:270 C: Current Application Number differs, Replaced Current Application No
L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:437 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11
L:486 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12
L:519 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13
L:521 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13
L:523 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13
L:525 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13
L:527 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13
L:529 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13
L:558 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14
L:561 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14
L:564 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14
L:567 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14
L:570 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14
L:573 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14
L:579 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14
L:829 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21
L:868 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22
L:895 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23
L:901 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23
L:903 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23
L:905 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23
L:907 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23
L:943 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:24
L:946 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:24
L:949 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:24
L:952 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:24
L:955 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:24
L:991 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25
L:993 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25
L:995 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25
L:997 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25
L:1033 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26
L:1036 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26
L:1039 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26
L:1042 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26
L:1045 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26
L:1081 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:27
L:1116 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28
L:1215 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31
L:1252 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:32
L:1348 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:35
L:1350 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:35
L:1384 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:36
L:1387 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:36
L:1498 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37
L:1585 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:38

VERIFICATION SUMMARY
PATENT APPLICATION: US/09/771,209

DATE: 02/08/2001
TIME: 12:32:53

Input Set : A:\38586b.txt
Output Set: N:\CRF3\02082001\I771209.raw

L:1678 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:39
L:1765 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:40
L:1846 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:41
L:1945 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:42